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PATENT ABSTRACTS OF JAPAN

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(71)Applicant : FUSO CHEMICAL CO LTD

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(54) DRINK CONTAINING GLUCOSAMINE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a drink having reduced manifestation of foreign taste of glucosamine without damaging the efficacy possessed by the glucosamine, and useful for health or the like by adding glucosamine to palatable drink such as tea, coffee and cocoa.

SOLUTION: For example, glucosamine (2-amino-2-deoxy-D-glucose) or a salt thereof (e.g. hydrochloride and sulfate) of 0.1-3 g, preferably 0.3-2 g is added to green tea powder of 0.1-3 g, preferably 0.5-2 g, and the resultant mixture is dissolved in hot water or water in an adequate amount, e.g. of 100-150 cc which is a usual amount for a cup to provide the objective drink, and the resultant drink is administered by one to five times per day. Every dosage of the drink is individually packaged, and a sweet (e.g. sucrose, fructose and erythritol) is preferably included therein.

LEGAL STATUS

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Abstract (Basic): JP 2001078667 A

NOVELTY - Drinks such as coffee, cocoa and tea are made to contain glucosamine.

USE - For use as nutrition supplement food and as therapeutic agent for treating arthritis deformans.

ADVANTAGE - Taste of the drink is not changed. Can be easily consumed.

pp; 6 DwgNo 0/0

Derwent Class: D13

International Patent Class (Main): A23F-003/14

International Patent Class (Additional): A23F-005/14; A23G-001/00;

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S6 0 PN=WO02102396

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WPI Acc No: 2003-167449/200316

Agents, useful for treating or preventing arthritis, comprise plant belonging to the family Saxifragaceae

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Inventor: KAMIYA T; MIKI I; NAKAGIRI R; SUDA T

Number of Countries: 100 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 2002102396	A1	20021227	WO 2002JP5790	A	20020611	200316	B
EP 1407777	A1	20040414	EP 2002733466	A	20020611	200426	
			WO 2002JP5790	A	20020611		
KR 2004007720	A	20040124	KR 2003716381	A	20031215	200435	
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CN 1516594	A	20040728	CN 2002812025	A	20020611	200469	

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Patent Details:

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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

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LI LT LU LV MC MK NL PT RO SE SI TR

KR 2004007720 A A61K-035/78
AU 2002306302 A1 A61K-035/78 Based on patent WO 2002102396
US 20040161478 A1 A61K-035/78
JP 2003504982 X A61K-035/78 Based on patent WO 2002102396
CN 1516594 A A61K-035/78

Abstract (Basic): WO 2002102396 A1

NOVELTY - Agents, for treating or preventing arthritis, comprise a plant belonging to the family Saxifragaceae or its extract.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for foods, drinks or feed containing a plant belonging to the family Saxifragaceae or its extract.

ACTIVITY - Antiarthritic.

In a streptococcal cell wall induced arthritis model in Lewis rats administration an aqueous ethanol extract of Hydrangeae Dulcis Folium at 30 g/day orally for 24 days reduced arthritis edema from 0.48 ml for a control to 0.16 ml.

MECHANISM OF ACTION - None given.

USE - Agents are used for treating or preventing arthritis.

pp; 46 DwgNo 0/0

Derwent Class: B04; C03; D13

International Patent Class (Main): A61K-035/78

International Patent Class (Additional): A21D-002/36; A21D-013/08;

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A61P-019/06; A61P-029/00; A61P-031/04; A61P-033/02; A61P-043/00

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